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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/777,096	02/13/2004	Shigeki Nagaya	NIT-410	6669

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EXAMINER	
PATEL, JAYESH A	
ART UNIT	PAPER NUMBER
2624	

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/777,096	NAGAYA ET AL.	
	Examiner	Art Unit	
	Jayesh A. Patel	2624	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *14 August 2007*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-14* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-14* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *13 February 2004* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☒ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

Response to Amendment

1. The applicant's amendments dated 08/14/2007 has been entered and made of Record.

2. In view of the applicant's amendments new grounds of rejections have been presented.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-14 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 1 and 12 recites the limitation **"the same ID"** and **"same image data"** in **(Line 13 Page 2 Claim 1) and (Line 7 Page 6 Claim 12)**. There is insufficient antecedent basis for this limitation in the claim. The Claim language is contradicting in the sense in Claims 1 and 12 the limitation **"wherein each ID inserted into each of said image data is different from each other"** at **(Lines 5-6 Page 2 Claim 1) and (Lines 1-2 Page 6 Claim 12)** and at **(Line 13 Page 2 Claim 1) and (Line 7 Page 6 Claim 12)** the limitation **"the same ID" and "same image data"** recites the ID are the same.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-4,8-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Elberbaum (US 7171106) Hereafter Elberbaum in view of Chun (US 20030011678) hereafter Chun.

1. Regarding Claim 1, Elberbaum discloses an image data recording and reproducing system **(Fig 1)** comprising: an image data input unit **(Elements 2a Cameras 1-n)**; an ID generator for generating an ID inserted into each of image data from said image data input unit **(Fig 1 Element 3A and Col 6 Lines 30-33)**. wherein each ID inserted into each of said imaqe data is different from each other **(Col 2 Lines 38-39 and Col 6 Lines 30-33 where each video transmitters incorporate individually allotted identification code signal is different)**; a plurality of image data recorders **(Fig 17 Element 30)** coupled with said ID generator **(Fig 17 ID generators 2 are coupled to pluralities of recorders 30 via recording receiver 10 and video input distributor 54)**. Elberbaum discloses wherein said ID and said image data to which said ID is added are recorded in each of the plurality of image data recorders **(Fig 17)**,

however is silent and does not disclose such that each of the plurality of imaqe data recorders includes the same ID and same imaqe data, and wherein each of said plurality of image data recorders has an ID table and an image data storage area, said imaqe data beinq recorded in said imaqe data storage area, and position information of said imaqe data recorded in said imaqe data storage area being stored in relation to said ID in said ID table; and a terminal unit for outputting said image data recorded into said plurality of image data recorders, wherein when said ID is input in said terminal unit, said image data is output from one of said plurality of image data recorders to said terminal unit in response to said ID.

Chun discloses such that each of the plurality of imaqe data recorders **(Page 2 Para 0023 where a pluralities of memories storing the image signals)** includes the same ID **(Page 5 Para 0062 multiple cameras are designated to a single sensor (same ID), Page 7 Para 0095 shows if the reference numeral 119 is selected then the images from cameras 1,3 and 4 are recorded)** and same imaqe data **(Page 5 Para 0061 where the first and second cameras view the door in response to an alarm signal from the first alarm sensor and records the data sequentially)**, and wherein each of said plurality of image data recorders has an ID table **(Page 6 Para 0086 window with the list offering record date, time, camera number, fps and the file name)** and an image data storage area **(recorded file in Para 0086)**, said imaqe data beinq recorded in said imaqe data storage area, and position information

(Page 6 Para 0086 for example an image of a camera number 5 recorded ---- --- 14 seconds) of said imaqe data recorded in said imaqe data storage area being stored in relation to said ID in said ID table **(window with the list in Para 0086)**; and a terminal unit **(Fig 2 Element 54)** for outputting said image data recorded into said plurality of image data recorders **(Page 2 Para 0023 where a pluralities of memories storing the image signals)**, wherein when said ID is input in said terminal unit, said image data is output from one of said plurality of image data recorders to said terminal unit in response to said ID **(Page 6 Para 0088 and Page 7 Para 0095 where the user wants to see the image of the camera and one key (ID) to display images from four cameras)**. Chun discloses that in the apparatus the rate of utility of resources will be increased in **(Para 0126 Page 9)**. Both Elberbaum and Chun are from the same field of endeavor and are analogous art, therefore it would have been obvious for one of ordinary skill in the art at the time the invention was made to have used the teachings of Chun in the system of Elberbaum for the above reasons.

2. Regarding claim 2, Elberbaum and Chun disclose an image data recording and reproducing system according to Claim 1. Elberbaum further disclose comprising: a load balancer having a load factor table **(Col 2 Lines 56-61,Col 4 Lines 45-53, Col 3 Lines 4-11 and Fig 17 video input distributor 54 distributes image data to pluralities of recorders 30)**, coupled with said plurality of image data recorders, for selecting one of said plurality of image data

recorders on the basis of said load factor table to output said image data **(Video output selector 56 for selecting the playback from the recorders 30)**. Elberbaum further disclose **(Fig 17,18 and Col 17 Lines 28-45 where in-out terminals for transmitting record or playback commands is pertaining to alarms particulars (load factor))**. Chun also disclose load factor table in **(Figs 12A and 12B)** where depending on the movement **(more or less)** the image data are recorded.

3. Regarding claim 3, Elberbaum and Chun discloses an image data recording and reproducing system according to Claim 1. Elberbaum further disclose comprising: a sensor information input unit, and a data recording unit for recording sensor information from said sensor information input unit, wherein the ID from said ID generator is inserted to sensor information from said sensor information input unit so that said sensor information with the ID inserted is recorded into said data recording unit at **(Col 3 Lines 12-18, Col 4 lines 45-67 and Col 5 Lines 1-18)**.

4. Regarding Claim 4, Elberbaum and Chun disclose an image data recording and reproducing system according to Claim 1. Elberbaum discloses the retrieval of the playback image based on the input identification **(Col 3 Lines 12-18, Col 4 lines 45-67 and Col 5 Lines 1-18).** Chun further disclose wherein said terminal unit includes an input terminal and wherein based on a retrieval from said input

terminal unit, said ID table of one of said image data recorders is referred to reproduce predetermined image data corresponding to an ID of said ID table at **(Page 6 and page 7 Para 0086 and 0088)**.

5. Regarding claim 8, Elberbaum and Chun discloses an image data recording and reproducing system according to claim 1. Elberbaum further disclose comprising: an image data generation unit **(Element 2A Fig 1)**, wherein said ID generator generating the ID **(Element 3A Fig 1)** inserted to image data from said image data generation unit is integrated with said image data generation unit **(Col 2 Lines 38-39 and Col 3 Lines 53-57)**.

6. Regarding Claim 9, Elberbaum and Chun discloses an image data recording and reproducing system according to Claim 3. Elberbaum further disclose wherein the ID inserted to image data from said image data input unit and the ID inserted to sensor information from said sensor information input unit are an ID from a shared ID generator at **(Col 3 Lines 60-67)**.

7. Regarding Claim 10, Elberbaum and Chun disclose an image data recording and reproducing system according to claim 1. Elberbaum further disclose wherein, said ID generator for comprising; an ID generation unit for generating a succession of IDs of successive integers at **(Col 4 Lines 1-9)**.

8. Regarding Claim 11, Elberbaum and Chun disclose an image data recording and reproducing system according to Claim 10. Elberbaum further disclose wherein said image data generation unit is a camera, and said ID generator is integrated with said camera in **(Fig 1 Elements 2)**.

9. Claim 12 is corresponding methods claim of claim 1.See the explanation of Claim 1.

10. Regarding Claim 13, Elberbaum and Chun disclose recording and reproducing method according to Claim 12. Elberbaum further disclose comprising the steps of: in the case of said command for a video replay, detecting the load factor of each of said plurality of image data recorders, and transferring said command for a video replay to one of said plurality of image data recorders based on the load factor of said plurality of image data recorders **(Fig 17,18 and Col 17 Lines 28-45 where in-out terminals for transmitting record or playback commands is pertaining to alarms particulars (load factor))**.

11. Regarding claim 14, Elberbaum and Chun disclose recording and reproducing method according to Claim 12. Chun further disclose comprising the steps of: obtaining sensor information related to said image data **(Page 6 Para**

0085), inserting said ID **(alarm record file Id)** to said detected sensor information, and recording sensor information with said ID into said image data recorders.

Claims 5-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Elberbaum in view of Chun and in further view of Ebata et al. (US 6292098) hereafter Ebata.

12. Regarding Claim 5, Elberbaum and Chun discloses an image data recording and reproducing system according to claim 1. Elberbaum also discloses generating an ID and matching the ID to get the output. Elberbaum is silent about the integer of bits **(size)** and however does not disclose wherein an integer of 40 bits or more is used for the ID outputted from said ID generator.

Ebata discloses the ID **(message packets)** having a data length of 256 bytes **(2048 bits)** for identifying the camera number list, monitor number list etc at **(Col 16 Lines 52-59)**. Ebata also discloses that the camera numbers and the monitor numbers are based on the identification numbers pre assigned for each camera and the monitor at **(Col 17 Lines 9-11)**. Ebata also discloses various other message packets **(Identification codes)** generating data lengths at **(Col 15 Lines 11-16 and Col 16 Lines 1-67)**. Ebata also discloses that the method and system provides a more accurate, detailed and efficient communication by the nodes at **(Col 22 lines 35-38)**. Elberbaum, Chun and Ebata are from the

same field of Endeavor, therefore it would have been obvious for one of ordinary skill in the art at the time the invention was made, to have use the data length **(size)** as taught by Ebata in the method and system of Elberbaum and Chun for the above reasons.

13. Regarding Claim 6,see the explanation for Claim 5.

14. Regarding Claim 7,see the explanation for Claim 5.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will

the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jayesh A. Patel whose telephone number is 571-270-1227. The examiner can normally be reached on M-F 7.00am to 4.30 pm (5-4-9). If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jingge Wu can be reached on 571-272-7429. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Jayesh Patel
10/01/07

JP

SAMIR AHMED
PRIMARY EXAMINER